


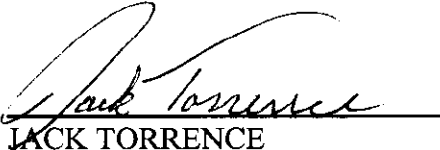
15 November 1999

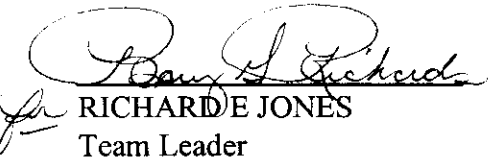
STATEMENT OF WORK (SOW)  
for the  
RESTORATION, OVERHAUL, and REPAIR (ROR)  
of the  
EQUIPMENT TRANSPORT SHELTER S-675/TPS-59  
NSN 5411-01-216-4217

SOW-00-844-2-8B548B-1/1

1. This SOW identifies the work effort that shall be performed by the Contractor to perform ROR on the Equipment Transport Shelter S-675/TPS-59 , NSN 5411-01-216-4217, part number 7345173G2, CAGE 03538.
2. The attached manuscript has been reviewed and is concurred upon by the following signees:

  
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## 1.0 Scope

This SOW establishes both general and specific requirements to be followed by the Contractor for the restoration, overhaul, and repair (ROR) of the AN/TPS-59(V)3 Equipment Transport Shelter S-675/TPS-59, NSN 5411-01-216-4217, CAGE 03538, part number 7345173G2 (less the collateral equipment such as the Row Feed Test Set, other test equipment, ancillary cables, tools, and other miscellaneous items required to be maintained by the using unit for their daily operation and maintenance of the Radar Set).

Although this SOW and referenced documents provide extensive information relative to the ROR, the information and guidance provided is intended to establish only the minimum requirements essential to perform the ROR process to restore the Equipment Transport Shelter to Condition Code "A".

## 1.1 Definitions

Contractor: For the purposes of this SOW, Contractor is defined as a commercial or Government entity.

Condition Code "A": Serviceable and issuable without limitation or restriction.

Restoration: The process of upgrading an item to conform to the applicable technical specifications to assure compliance with specified operational capabilities, physical appearance, and configuration. It includes the repair or replacement of parts/components that have failed or are of marginal quality or reliability due to wear, deterioration, or damage and includes cosmetic reconditioning. Restoration shall include all applicable alignments and calibrations and verification that approved Engineering Change Proposals (ECPs) or modifications have been installed properly and are functional. In the event that non-approved configuration items are discovered, the equipment shall be converted/modified/returned to its current approved configuration.

Overhaul: The process of totally restoring an item to a standard which approximates the original or new condition in appearance, performance, and life expectancy. For the purposes of this SOW, all approved ECPs and modifications shall be installed/verified as part of the overhaul work effort.

**Repair:** The process of returning an unserviceable item to full operational status by repair/replacement of its component parts and performing any alignments and calibrations as necessary. Cosmetic/structural repairs are not included in the repair process unless those repairs impede the operational functionality of the item.

**Marginal quality:** Deteriorated or damaged parts which are reasonably anticipated to fail thereby significantly reducing the expected reliability of an assembly or equipment. An expanded definition and associated requirements for replacement of parts and components adjudged to be of marginal quality is contained in MIL-STD-2110 (EC). Specific requirements of this SOW along with the general requirements as contained in MIL-STD-2110 (EC) shall be used to identify and necessitate the replacement of marginal quality items.

## 2.0 Applicable Documents

The following documents form a part of this SOW to the extent specified. Unless otherwise specified, the issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and Supplement(s) thereto in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superceding requirement.

### 2.1 Military Specifications

MIL-A-8625	Anodic Coatings for Aluminum and Aluminum Alloys
MIL-C-5541	Chemical Conversion Coatings on Aluminum and Aluminum Alloys
MIL-I-631	Insulation, Electrical, Synthetic Resin Composition, Non-rigid
MIL-DTL-15024	Plates, Tags and Bands for Identification Equipment
MIL-DTL-55507	Shelter, Electrical Equipment (With or without Equipment), Packaging of

### 2.2 Military Standards

MIL-STD-129	DoD Standard Practice for Military Marking
MIL-STD-2110(EC)	Restoration, Overhaul, and Repair of Electronic Equipment

#### Military Standards (For Reference Only)

MIL-STD-973	Configuration Management
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### 2.3 Other Government Documents and Publications

7345173G2	Assembly Drawing, Equipment Transport Shelter
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SL3-07751B	Components List, Radar Set AN/TPS-59(V)3
TM 4750-15/1	Painting and Registration Marking of Marine Corps Combat and Tactical Equipment
TM 4750-15/2-8	Painting and Registration Marking of Marine Corps Combat and Tactical Equipment (contains patterns)
TM-07751B-14/19	Equipment Transport Shelter

## 2.4 Industry Standards

ANSI/ISO/ASQC	Quality Systems-Model for Quality Assurance in
Q9002-1994	Production, Installation, and Servicing
SAE AMS-M-3171	Magnesium Alloy, Processes for Pretreatment and Prevention of Corrosion On

{Copies of Military Specifications and Standards are available from the DoD Single Stock Point, Defense Automated Printing Service Philadelphia, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, telephone (215) 697-2179, DSN 442-2179, or <http://dodssp.daps.mil>. Copies of other government publications required by the Contractor in connection with specific SOW requirements shall be obtained through the Contracting Officer: Commander, Attn: Contracting Officer (Code 891), Marine Corps Logistics Base, Albany, GA 31704-1128, telephone (912) 439-6761, DSN 567-6761. Copies of engineering drawings may be obtained from the Life Cycle Management Center, Attn: (Code 825-3), 814 Radford Boulevard Suite 20320, Albany, GA 31704-0320, telephone (912) 439-6410 or DSN 567-6410.}

## 3.0 Requirements

### 3.1 General Requirements:

This document covers the general requirements for ROR of the basic shelter, rack assemblies, electrical waterfall, wiring/electrical equipment, skid assemblies, and structural/cosmetic repairs. It establishes uniform standards and procedures as applicable to the entire ROR process (to include receipt/initial evaluation of shelter condition, maintenance procedures, selection and use of parts/materiels, identification/markings of equipment, and preservation/packing for shipment).

The Contractor shall provide all parts, materiels, labor, facilities, tools, and test equipment necessary to ROR the Equipment Transport Shelter in accordance with the references and this SOW.

Additional guidance may be provided by the WSM, {Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Boulevard Suite 20343, Albany, GA 31704-0343, commercial telephone (912) 439-6553, DSN 567-6553, FAX (912) 439-5498}, as well as other approved commercial/industry practices and standards.

### 3.2 Specific Requirements

3.2.1 Receipt and Pre-induction: The Contractor shall perform a Limited Technical Inspection upon receipt wherein transportation related damages, shortages, long lead-time materiel requirements, and the overall condition are identified. Transportation related damages shall be reported immediately to the Commanding Officer, Marine Corps Logistics Base, Attn: Transportation Management Officer (PPTY, Bldg 30), Barstow, California 92311-5014, (760) 577-6994, and WSM within five calendar days. The WSM shall be informed of any equipment shortages in order to coordinate with the originating unit for resolution. Identification of required long lead-time materiel and the overall condition are intended to assist ROR management in the reduction of overall ROR processing time.

#### 3.2.2 Induction for ROR

ROR of the Equipment Transport Shelter shall consist of the following mandatory tasks:

- a. All corrosion shall be removed and the affected surfaces treated as necessary in accordance with MIL-A-8625, MIL-C-5541, and SAE AMS-M-3171, as applicable.
- b. All three skids shall be replaced with new skids.
- c. Cabinets shall be repaired and repainted as required.
- d. Interior/exterior hardware shall be repaired/replaced as required.
- e. All interior/exterior walls, floor, and ceiling/roof panels shall be repaired/replaced, as required.
- f. All electrical wiring and associated equipment shall be repaired and checked to ensure proper operation in accordance with MIL-I-631, as applicable.
- g. The interior walls and ceiling shall be cleaned, sanded, primed, and painted "sea foam" green per drawing 7345173G2.
- h. The outer roof shall be painted with a non-skid coating prior to being primed and painted.
- i. The floor panel shall have new non-skid, electrical grade rubber matting installed.
- j. The exterior of the shelter shall be camouflage painted with a chemical agent resistant coating (CARC) in the standard (green) colors and pattern in accordance with TM-4750-15/1 and TM-4750-15/2-8, unless otherwise directed by the WSM.

k. All stencils shall be repainted and data plates replaced in accordance with MIL-DTL-15024.

### 3.3 Packaging, Handling, Storage and Transportation (PHS&T)

The Contractor shall be responsible for preservation and packaging of items being repaired under the terms of this statement of work. Upon successful completion of ROR, the equipment within the shelter shall be packed in accordance with TM-07751B-14/19. The shelter shall then be preserved and packaged in accordance with the level "B" requirements of MIL-DTL-55507. No long term storage requirements exist for the shelter.

Marking shall be in accordance with MIL-STD-129.

The Marine Corps will provide the Contractor with the shipping address(es) for delivery of the repaired equipment. The Contractor shall be responsible for arranging for shipment to the pre designated site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor."

### 3.4 Configuration Management

The contractor shall apply configuration control to established configuration items. Deviations from the established baseline configuration will not be allowed without the written approval of the WSM. Recommendations for permanent changes to the form, fit or function of the baseline shall be submitted via an ECP. MIL-STD-973 (paragraph 5.4.2 and Appendix D) may be used as a guide. If necessary to temporarily depart from the baseline, the contractor shall prepare and submit a Request For Deviation or Request For Waiver (as applicable) using MIL-STD-973 (paragraph 5.4.3 or 5.4.4 and Appendix E) as a guide.

### 3.5 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM)

The Management Control Activity (MCA/Code 820) will coordinate Government Furnished Equipment/Government Furnished Materiel (GFE/GFM) requests and maintain a central control system on all government owned assets in the contractor's possession. The MCA will forward a GFE/GFM Accountability Agreement to the contractor for signature to establish a chain of custody and identify property responsibilities for Marine Corps assets. The MCA, in conjunction with the WSM, reserves the right to deny any requests for GFE/GFM. Under no circumstances shall denial of such requests form a basis for either work stoppages or delays in delivery.

### 3.6 Quality Assurance Provisions

The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9002-1994, Quality System Model for Quality Assurance in Production, Installation, and Servicing.

#### 4.0 Reports

4.1 The Contractor shall provide a copy (either hard copy or electronic submittal is acceptable) of the Pre-Induction LTI to the WSM within 15 calendar days after completion of the inspection. The LTI (Contractor format) shall consist of an extract of SL3-07751B (as applicable to Supply System Responsibility items of the Equipment Transport Shelter). Electronic address is: "MbMatcom844-2@matcom.usmc.mil". Mailing address is: Commander, Attn: (Code 844-2) , Marine Corps Systems Command, 814 Radford Blvd Ste 20343, Albany, GA 31704-0343. Facsimiles may be sent to commercial (912) 439-5498 or DSN 567-5498, attention Weapons System Manager, Code 844-2.

4.2 The Contractor shall provide a hard copy (with the signature of the unit's Commanding Officer or his designated representative) of the Joint Acceptance LTI to the WSM within 15 calendar days after completion of the inspection. The Joint Acceptance LTI shall be similar to the Pre-Induction LTI, with additional provisions for the signature and identifying information of the unit's authorized acceptance representative. Mailing address is: Commander, Attn: (Code 844-2), Marine Corps Systems Command, 814 Radford Blvd Ste 20343, Albany, GA 31704-0343. The unit will retain a copy of the Joint Acceptance LTI (with original signatures) in its files for the Radar Set. Electronic copies of this report are not acceptable.



(1 Data Item)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT	C. CATEGORY: TOP _____ TM _____ OTHER _____ X	
D. SYSTEM/ITEM S-675/TPS-59(V)3 Equip Xprt Shltr		E. CONTRACT/PR NO.	F. CONTRACTOR	
1. DATA ITEM NO.  A001	2. TITLE OF DATA ITEM  Engineering Change Proposal		3. SUBTITLE  Configuration Management	
4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80639B		5. CONTRACT REFERENCE SOW 3.4		6. REQUIRING OFFICE MCLBA (825)
7. DD 250 REQ LT	8. DIST STATEMENT REQUIRED  A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION See Block 16	14. DISTRIBUTION  a. ADDRESSEE  MCLBA (825-2)
9. APP CODE		11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	b. COPIES Draft Final Reg Repro
16. REMARKS Blk 4 - Contractor format is authorized. Blks 10 & 12 - ECPs shall be submitted for all proposed changes which permanently affect the baseline of a configuration item. MIL-STD-973, Appendix D may be used as a guide. ECPs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government. ECPs shall be transmitted via E-Mail to the following address: mhmatcomconfigmngmnt@matcom.usmc.mil Distribution Statement A: Approved for public release, distribution is unlimited				15. TOTAL 0 1 0
G. PREPARED BY	H. DATE	I. APPROVED BY William R. Jim	J. DATE 991115	

18. ESTIMATED TOTAL PRICE	
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# CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM S-675/TPS-59(V)3 Equip Xprt Shltr	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A002	2. TITLE OF DATA ITEM Request For Deviation	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80640B	5. CONTRACT REFERENCE SOW 3.4	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED A	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION								
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	<table border="1"> <tr> <th>a. ADDRESSEE</th> <th colspan="3">b. COPIES</th> </tr> <tr> <th></th> <th>Draft</th> <th>Reg</th> <th>Repro</th> </tr> </table>		a. ADDRESSEE	b. COPIES				Draft	Reg	Repro
a. ADDRESSEE	b. COPIES											
	Draft	Reg	Repro									

<b>16. REMARKS</b> Blk 4 - Contractor format is authorized.  Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.  RFDs will be reviewed and disposition determined within 30 calendar days upon receipt by the Government.  RFDs shall be transmitted via E-Mail to the following address: mbmatcomconfigmgmnt@matcom.usmc.mil  Distribution Statement A: Approved for public release, distribution is unlimited	MCLBA (825-2)	0	1	0
	15. TOTAL	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY <i>Walter R. Lin</i>	J. DATE 9/9/11
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

# CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved  
OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0701-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to the above address. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER <input checked="" type="checkbox"/>
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D. SYSTEM/ITEM S-675/TPS-59(V)3 Equip Xprt Shltr	E. CONTRACT/PR NO.	F. CONTRACTOR
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1. DATA ITEM NO. A003	2. TITLE OF DATA ITEM Request For Waiver	3. SUBTITLE Configuration Management
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4. AUTHORITY (Data Acquisition Document No.) DI-CMAN-80641B	5. CONTRACT REFERENCE SOW 3.4	6. REQUIRING OFFICE MCLBA (825)
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7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED	10. FREQUENCY ASREQ	12. DATE OF FIRST SUBMISSION SEE BLK 16	14. DISTRIBUTION
8. APP CODE	A	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION	a. ADDRESSEE
				Draft
				Final
				Reg
				Repro

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	15. TOTAL	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY <i>William R. King</i>	J. DATE 991115
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17. PRICE GROUP
18. ESTIMATED TOTAL PRICE